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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: April 2, 2004 (use as many sheets as necessary)				Complete If Known	
				Application Number	To be Determined
				Filing Date	4/2/04
				First Named Inventor	Neason
				Group Art Unit	To be Determined
				Examiner Name	To be Determined
				Attorney Docket Number	066243-0236 (141210)
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U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
EL	A-1	6,569,160		Goldin et al.	05-27-2003	
	A-2	6,565,511		Panescu et al.	05-20-2003	
	A-3	6,558,333		Gilboa et al.	05-06-2003	
	A-4	6,546,270		Golden et al.	04-08-2003	
	A-5	6,528,991		Ashe	03-04-2003	
	A-6	6,522,913		Swanson et al.	02-18-2003	
	A-7	6,516,807		Panescu et al.	02-11-2003	
	A-8	6,498,944		Ben-Haim et al.	12-24-2002	
	A-9	6,498,477		Govari et al.	12-24-2002	
	A-10	6,496,712		Dahl et al.	12-17-2002	
	A-11	6,490,475		Seeley et al.	12-03-2002	
	A-12	6,490,474		Willis et al.	12-03-2002	
	A-13	6,490,468		Panescu et al.	12-03-2002	
	A-14	6,489,961		Baxter, III et al.	12-03-2002	
	A-15	6,487,441		Swanson et al.	11-26-2002	
	A-16	6,484,118		Govari	11-19-2002	
	A-17	6,484,049		Seeley et al.	11-19-2002	
	A-18	6,458,123		Brucker et al.	10-01-2002	
	A-19	6,456,867		Reisfeld	09-24-2002	
	A-20	6,453,190		Acker et al.	09-17-2002	
	A-21	6,447,504		Ben-Haim et al.	09-10-2002	
	A-22	6,445,943		Ferre et al.	09-03-2002	
	A-23	6,427,314		Acker	08-06-2002	
	A-24	6,400,981		Govari	06-04-2002	
	A-25	6,385,476		Osadchy et al.	05-07-2002	
	A-26	6,380,732		Gilboa	04-30-2002	
	A-27	6,379,302		Kessman et al.	04-30-2002	
	A-28	6,373,240		Govari	04-16-2002	
	A-29	6,370,411		Osadchy et al.	04-09-2002	
	A-30	6,368,285		Osadchy et al.	04-09-2002	
	A-31	6,366,799		Acker	04-02-2002	
	A-32	6,341,231		Ferre et al.	01-22-2002	
	A-33	6,335,617		Osadchy et al.	01-01-2002	
	A-34	6,332,089		Acker et al.	12-18-2001	
	A-35	6,314,310		Ben-Haim et al.	11-06-2001	
	A-36	6,301,496		Reisfeld	10-09-2001	
	A-37	6,285,898		Ben-Haim	09-04-2001	
	A-38	6,266,551		Osadchy et al.	07-24-2001	
	A-39	6,256,540		Panescu et al.	07-03-2001	
	A-40	6,248,075		McGee et al.	06-19-2001	
	A-41	6,246,898		Vesely et al.	06-12-2001	
	A-42	6,246,231		Ashe	06-12-2001	

Examiner Signature	<i>Elwood J. Webb</i>	Date Considered	4/16/2007
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EW	A-43	6,240,307		Beatty et al.	05-29-2001	
	A-44	6,226,543		Gilboa et al.	05-01-2001	
	A-45	6,226,542		Reisfeld	05-01-2001	
	A-46	6,223,066		Govari	04-24-2001	
	A-47	6,216,027		Willis et al.	04-10-2001	
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	A-52	6,183,088		LoRe et al.	02-06-2001	
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	A-64	5,873,822		Ferre et al.	02-23-1999	
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	A-66	5,840,025		Ben-Haim	11-24-1998	
	A-67	5,833,608		Acker	11-10-1998	
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	A-69	5,829,444		Ferre et al.	11-03-1998	
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Date Submitted: April 2, 2004				First Named Inventor	Neason
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(use as many sheets as necessary)				Examiner Name	To be Determined
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EU	A-85	5,713,946		Ben-Haim	02-03-1998	
	A-86	5,697,377		Wittkamp	12-16-1997	
	A-87	5,694,945		Ben-Haim	12-09-1997	
	A-88	5,676,673		Ferre et al.	10-14-1997	
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	A-90	5,600,330		Blood	02-04-1997	
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	A-92	5,558,091		Acker et al.	09-24-1996	
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	A-95	5,515,853		Smith et al.	05-14-1996	
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	A-97	5,445,150		Dumoulin et al.	08-29-1995	
	A-98	5,443,489		Ben-Haim	08-22-1995	
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	A-100	5,391,199		Ben-Haim	02-21-1995	
	A-101	5,311,866		Kagan et al.	05-17-1994	
	A-102	5,297,549		Beatty et al.	03-29-1994	
	A-103	4,945,305		Blood	07-31-1990	
	A-104	4,849,692		Blood	07-18-1989	

FOREIGN PATENT DOCUMENTS						
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
EU	A-105	Cardiac catheterization system, Cardiac Cath Lab Systems, RMC-3100, RMC-3200, printed from website www.nihonkohden.com on 12/18/2003, (2 pgs.).	
	A-106	DASH PRO, Variable-Acuity Monitoring, GE Medical Systems Information Technologies, 02-7446A, March 2002, (8 pgs.).	
	A-107	ASTROM, M. et al., Least Squares VCG Loop Alignment, date unknown, (4 Pgs.).	

Examiner Signature	<i>Ellsworth Wefen</i>	Date Considered	4/16/2007
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EW	A-108	ASTROM M. et al., <i>Vectorcardiographic Loop Alignment and the Measurement of Morphologic Beat-to-Beat Variability in Noisy Signals</i> , IEEE Transactions on Biomedical Engineering, Vol. 47, No. 4, April 2000, pages 497-506, (10 pgs.).	
	A-109	ASTROM M., <i>Vectorcardiographic Loop Alignment in Ischemia Monitoring</i> , Licentiate in Engineering Thesis, April 2000, (75 pgs.).	
	A-110	GE Announces Alliance with Biosense Webster to Give Clinicians Access to Patients' Complete Heart Rhythm Data at a Single Workstation, GE Medical Systems – Company News-News Releases, dated May 15, 2003, (2 pgs.).	
	A-111	Invasive – CardioLink Networking – Boosts your productivity, GE Medical Systems, Europe, Middle East & Africa, printed from website www.gemedicalsystemseurope.com/euen/cardiology/invasive/electro_la... on 1/27/2004, (2 pgs.).	
	A-112	Navigation and Visualization, InstaTrak™ - Cranial Multi-application electromagnetic surgical navigation system for ENT, Cranial and Spine procedures, GE Medical Systems, printed from website www.gemedicalsystemseurope.com/euen/rad/nav/instatrak_cranial_ho on 1/27/2004, (2 pgs.).	
	A-113	Invasive, Increase Efficiency in the Cardiac Cath Lab, GE Medical Systems, printed from website www.gemedicalsystems.com/cardiology/invasive/cardiac_cath_lab/comb on 1/12/2004, (1 pg.).	
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	A-115	Computed Tomography, Advanced Clinical Applications, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/msctappl.html on 1/28/2004, (2 pgs.).	
	A-116	Computed Tomography, Advanced CT Applications – Navigator, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/navigator.html on 1/28/2004, (1 pg.).	
	A-117	Computed Tomography, Advanced CT Applications – Direct3D, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/direct3d.html on 1/28/2004, (1 pg.).	
	A-118	Computed Tomography, Advanced CT Applications – Volume Rendering, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/vr.html on 1/28/2004, (2 pgs.).	

Examiner Signature	<i>Elwood L. Brown</i>	Date Considered	4/16/2007
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AW	A-119	Computed Tomography, <i>Advanced CT Applications – Advantage Sim</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/sim_benefits.html on 1/28/2004, (1 pg.).	
	A-120	Computed Tomography, <i>Advanced CT Applications – Advantage Sim (Simulation Tools)</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/sim_sim.html on 1/28/2004, (1 pg.).	
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	A-122	Computed Tomography, <i>GE Medical Systems is proud to offer Mindways QCT PRO 3D Volumetric Spine & Hip BMD – B7501MW – Accurate & Reproducible</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/bmd/index.html on 1/28/2004, (1 pg.).	
	A-123	Computed Tomography, <i>Snapshot cardiac imaging provides the most flexible and widest range of clinical acquisition and reconstruction options available today. Snapshot enables cardiac imaging over a wide range of patients (from 40 to 110 bpm)</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/snapshot/index.html on 1/28/2004, (1 pg.).	
	A-124	Computed Tomography, <i>SmartScore – Coronary Artery Calcification Scoring</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/smart_score/index.html on 1/28/2004, (2 pgs.).	
	A-125	<i>SmartScore, Coronary Artery Calcification Scoring</i> , GE Medical Systems, copyright date: 2000, (6 pgs.).	
	A-126	Computed Tomography, <i>CardIQ Function – Cardiac Functional Analysis</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/cardiq_func/index.html on 1/28/2004, (2 pgs.).	
	A-127	Computed Tomography, <i>CardIQ Analysis – CV Image Post-Processing & Analysis</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/cardiq/index.html on 1/28/2004, (2 pgs.).	
	A-128	Computed Tomography, <i>Advanced Vessel Analysis</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/ava/ct_ava_home.html on 1/28/2004, (2 pgs.).	
✓	A-129	<i>Advanced Vessel Analysis – Image Analysis Software</i> , GE Medical Systems, copyright date: 2000, (4 pgs.).	

Examiner Signature	<i>Elmer W. Smith</i>	Date Considered	4/16/2007
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EU	A-130	B770OSS Advanced Vessel Analysis, -GE Medical Systems, date undetermined, (2 pgs.).		
	A-131	Advanced Vessel Analysis, Clinical Case Study, Application in Pre-stent Graft Evaluation and Post-stent Graft Imaging, GE Medical Systems, copyright date: 2000, (8 pgs.).		
	A-132	Advantage Workstation - Multi-Modality Software Applications:, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/aw/aw_multisoft.html on 1/28/2004, (3 pgs.).		
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	A-135	Advantage Workstation - Vascular Software Applications:, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/aw/aw_vascsoft.html on 1/28/2004, (2 pgs.).		
	A-136	Functional Imaging - POWERstation™ General Software, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/clinical_img/general.html on 1/28/2004, (1 pg.).		
	A-137	Functional Imaging - QuickSPECT™ Reconstruction, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/qspectrecon.h... on 1/28/2004, (2 pgs.).		
	A-138	Functional Imaging - QuickSPECT™ - ReadMaster Display, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/qspectdisplay... on 1/28/2004, (2 pgs.).		
	A-139	Functional Imaging - VCR™, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/vcrrecon.html on 1/28/2004, (2 pgs.).		
	A-140	Functional Imaging - 3D Rendering, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/3d.html on 1/28/2004, (2 pgs.).		
	A-141	Functional Imaging - General Display, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/general_displa... on 1/28/2004, (2 pgs.).		
	A-142	Functional Imaging - PC Graphics, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/pc.html on 1/28/2004, (2 pgs.).		

Examiner Signature	<i>Elisabeth C. [Signature]</i>	Date Considered	4/16/2007
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: April 2, 2004 (use as many sheets as necessary)				Application Number	To be Determined
				Filing Date	4/2/04
				First Named Inventor	Neason
				Group Art Unit	To be Determined
				Examiner Name	To be Determined
Sheet	7	of	9	Attorney Docket Number	066243-0236 (141210)

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶	
EW	A-143	Functional Imaging – <i>SPECT Triangulating Display</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/spect1.html on 1/28/2004, (2 pgs.).		
	A-144	Functional Imaging – <i>Color Scales</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/color.html on 1/28/2004, (2 pgs.).		
	A-145	Functional Imaging – <i>Image Processing</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/clinical_img/image_processing on 1/28/2004, (2 pgs.).		
	A-146	<i>Prucka CardioLab/Mac-Lab 7000 CardioLink Operator's Manual</i> , GE Medical Systems, Revision C, marked as July 2, 2001, (24 pgs.).		
	A-147	Realtime Position Management™, <i>Integrating Advanced Mapping, Navigation and EP Recording</i> , Boston Scientific, copyright date: 2003, Boston Scientific Corporation, (3 pgs.).		
	A-148	<i>Advanced Mapping</i> , Boston Scientific, printed from website www.bostonscientific.com/common_templates/procedureOverview.jhtml on 1/9/2004, (2 pgs.).		
	A-149	<i>Diagnostic EP Study</i> , Boston Scientific, printed from website www.bostonscientific.com/common_templates/procedureOverview.jhtml on 1/9/2004, (2 pgs.).		
	A-150	<i>Pericardiocentesis</i> , Boston Scientific, printed from website www.bostonscientific.com/common_templates/procedureOverview.jhtml on 1/9/2004, (1 pg.).		
	A-151	<i>RF Ablation</i> , Boston Scientific, printed from website www.bostonscientific.com/common_templates/procedureOverview.jhtml on 1/9/2004, (2 pgs.).		
	A-152	<i>RPM Realtime Position Management™ System</i> , Boston Scientific, printed from website www.bostonscientific.com/med_specialty/deviceDetail.jhtml?task=tskBa... on 1/12/2004, (2 pgs.).		
✓	A-153	<i>RPM Realtime Position Management™ System</i> , (<i>Instructions for use</i>) Electrophysiology, Boston Scientific, printed from website www.bostonscientific.com/common_templates/singleDetailList.jhtml?tas on 1/12/2004, (2 pgs.).		

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: April 2, 2004 <i>(use as many sheets as necessary)</i>				Complete If Known	
				Application Number	To be Determined
				Filing Date	4/2/04
				First Named Inventor	Neason
				Group Art Unit	To be Determined
				Examiner Name	To be Determined
Sheet	8	of	9	Attorney Docket Number	066243-0236 (141210)

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Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
EW	A-154	<i>How to Get There From Here</i> , PruKa Cardiolab 7000, Advanced Electrophysiology Diagnostic System, GE Medical Systems, copyright date: 2000, (2 pgs.).	
	A-155	Jasbir Sra, Joy Thomas, <i>New Techniques for Mapping Cardiac Arrhythmias</i> , Indian Heart Journal, July-August 2001, printed from website www.indianheartjournal.org/JulyAugust2001/NewTechniquesfor Mapping/... on 1/19/2004, (30 pgs.).	
	A-156	<i>EP MedSystems Submits 510-K- Filing for Integration of Catheter Navigation Technology into EP-Workmate Platform</i> , West Berlin, N.J. – (BUSINESS WIRE), July 24, 2003, printed from website www.businesswire.com/webbox/bw.072403/232055085.htm on 1/19/2004, (1 pg.).	
	A-157	Anoop K. Gupta, Alok Maheshwari, Ranjan K. Thakur, Yash Y. Lokhandwala, <i>Catheter Ablation of Atrial Tachycardia Using a Real-Time Position Management Mapping System</i> , Indian Heart Journal, Jan.–Feb. 2003, printed from website www.indianheartjournal.org/Jan-Feb2003/Catheter%20Ablation%20of%20... on 1/19/2004, (4 pgs.).	
	A-158	<i>Products / EPWorkMate® - The Completely Integrated EP WorkStation</i> , EPMedSystems, copyright date: 2001, printed from website www.epmedsystems.com/products/epwm/index.htm on 1/19/2004, (4 pgs.).	
	A-159	<i>INVASIVE - Cardiologic Fluoroscopy Image Management System</i> , GE Medical Systems, printed from website www.gemedicalsystem.com/cardiology/invasive/electro_lab/cardioimag... on 1/26/2004, (1 pg.).	
	A-160	<i>Maximum Access To Patient Data</i> , Heartlab, printed from website www.heartlab.com/benefits_access.htm on 1/27/2004, (1 pg.).	
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	A-165	<i>Encompass: Not just a system – a solution</i> , Heartlab, printed from website www.heartlab.com/products_0.htm on 1/27/2004, (11 pgs.).	
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Examiner Signature	<i>Ellen Z. Weger</i>	Date Considered	4/16/2007
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		Application Number	To be Determined
		Filing Date	4/2/04
		First Named Inventor	Neason
		Group Art Unit	To be Determined
		Examiner Name	To be Determined
Sheet	9	of	9
		Attorney Docket Number	066243-0236 (141210)

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ELI	A-167	University of Chicago and Heartlab Forge Clinical Cooperation Agreement for Encompass System Enhancements, Heartlab, dated August 21, 2001, (2 pgs.).	
	A-168	Actuality Systems – Photographs, Actuality Systems, copyright date: 2001, printed from website www.actuality-systems.com/photographs.php3 on 11/25/2003, (3 pgs.).	
	A-169	Welcome to SeeReal Technologies GmbH, SeeReal Technologies, copyright date: 2003, printed from website www.seereal.com/default.en.htm on 2/17/2004, (1 pg.).	
	A-170	Autostereoscopic 3D Display in Laparoscopic Surgery, University of Cambridge, Cambridge, United Kingdom, presented at CAR '95, Berlin, 21-24 June, 1995, printed from website www.cl.cam.ac.uk/users/nad/car95_paper.html on 2/16/2004, (1 pg.).	
	A-171	SeeReal 3D Displays – “C” Display, SeeReal Technologies, copyright date: 2003, printed from website www.seereal.com/EN/products.en.htm on 2/16/2004, (1 pg.).	
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	A-173	K. Radermacher, C.V. Pichler, S. Fischer, G. Rau, 3D-Visualisation in Surgery, Helmholtz-Institute for Biomedical Engineering, Aachen University of Technology, Aachen, 1998, (6 pgs.).	
	A-174	Siemens and X3D unveil the first Extreme 3D Display for medical application, Virtual Medical Worlds Monthly, dated Oct. 22, 2003, printed from website www.hoise.com/vmw/03/articles/vmw?LV-VM-11-03-27.html on 2/16/2004, (2 pgs.).	
	A-175	Siemens unveils the first Extreme 3D Display for medical application, Siemens AG, dated Oct. 22, 2003, printed from website http://siemens.com/index.jsp?sdc_p=d1047890p01105117fcls4mn1031561u&... on 2/16/2004, (2 pgs.).	
	A-176	Gregg Favalora and Cameron Lewis, Spatial 3D: The End of Flat-Screen Thinking, Actuality Systems, Inc., July, 2003, (9 pgs.).	
	A-177	CALYSTO™ for Cardiology – Overview, WITT Biomedical, printed from website http://www.wittbiomedical.com/products.dfm?secID=1 on 3/31/2004, (2 pgs.).	

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